

# CARTER SWARTOUT

Seattle, WA

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## EDUCATION

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**B.S. Computer Science**, University of Washington, STARS

September 2021 - December 2024

- Left early after finishing my CS requirements to join Palantir
- Coursework: Deep Learning, Graduate Machine Learning, Graduate Natural Language Processing, ML Systems, AI, DSA, Modern Algorithms, Software Entrepreneurship, Computer Vision, Autonomous Robotics

## EXPERIENCE

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**Software Engineer**

Palantir

January 2025

*Seattle, WA*

**Technical Intern**

University of Washington Hyak (HPC)

September 2024 - December 2024

*Seattle, WA*

- Testing multinode distributed LLM training on Hyak, UW's research supercomputer
- Leading a university-wide workshop on machine learning basics for research

**Researcher - MultiHopQA Project**

AI Directed Research Group, University of Washington Information School

March 2024 - December 2024

*Seattle, WA*

- Creating a multi-hop, question-answering dataset using large-scale knowledge graphs

**Software Development Engineer Intern**

Amazon Web Services, Parallel Computing Service

June 2024 - August 2024

*Seattle, WA*

- Developed and owned a beta-requested feature to efficiently delete hierarchical HPC resources
- Assisted the launch of AWS PCS through reducing development pain points in onboarding and documentation

**Interactive Intelligence VP**

Interactive Intelligence, University of Washington RSO

September 2022 - September 2024

*Seattle, WA*

- Developed a comprehensive 12-week course on deep learning and neuroscience for UW and other universities
- Taught and assisted over 100 students in I2's course, lecturing on transformers, NLP, and ML

**Researcher - LLM Bias Project**

SCALE Lab, University of Washington Information School

September 2023 - January 2024

*Seattle, WA*

- Created an NLP bias classification pipeline with LLMs using UW's HYAK, Azure, and Hugging Face

**Food Bank Volunteer**

Port Townsend Food Bank

September 2020 - September 2021

*Port Townsend, WA*

- Ensured food support for community during the pandemic through volunteering and writing on their behalf

**Congress-Bundestag Youth Exchange Ambassador**

U.S. Department of State

September 2019 - April 2020

*Aachen, Germany*

- Awarded a scholarship to represent the U.S. in Germany through the Department of State

## PROJECTS & ACTIVITIES

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**Writing** Writing blog posts and notes on AI, Deep Learning, and UW courses at [cswartout.com](http://cswartout.com)

**Bobby: Home Assistant, CSEED Buildspace** Created a modular home assistant during CSEED's Buildspace

**Turing Tweets** Built a game where users must differentiate between real and finetuned GPT-2 tweets

**Subreddit Simulator** Finetuned GPT-2 on Reddit to simulate communities, filtered responses with BERT classifiers